

What are we looking for?

We are looking for energetic men and women with at least a Bachelor's Degree in Geology or a closely related subject. Some of the benefits of working in Project Geology:

- Work outdoors "in the field" and in the Sacramento office.
- Travel throughout California.
- Unparalleled diversity of geologic work.
- Generous vacation time and holidays.
- Flexible work hours.

Your work experience at Project Geology counts towards the time required to obtain your California Professional Geologist license and your California Certified Engineering Geologist license.

#### Can you find the fault?



If identifying active fault traces in geologic exploration trenches (or anywhere else) interests you, then you should consider employment in Project Geology.



STATE OF CALIFORNIA  
Department of Water Resources  
Division of Engineering

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Sacramento, CA 95814

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Department of Water Resources

**CAREER OPPORTUNITIES**

# Engineering Geology



Division of Engineering

# Engineering Geology

We provide all of the **GEOLOGIC SERVICES** for the design, construction, operations, and maintenance of the **California State Water Project**. When the Department of Water Resources builds a dam, power plant, bridge, aqueduct, tunnel, or levee, Project Geology is there “from the ground up”.

## Engineering Geology

### Building the State Water Project From the Ground Up

Before the first excavation is made for any California State Water Project (SWP) facility or undertaking, the Division of Engineering's geologists investigate the geologic conditions at the proposed site. We provide all of the geologic services for design and construction projects, including dams, power plants, bridges, aqueducts, tunnels, and levees. Our work includes:

- Exploration and foundation drilling, sampling and testing for design and construction
- Geologic mapping, trenching and test pits
- Faulting and seismicity studies
- Landslide investigations, including installation and monitoring of inclinometers

- Grouting plans, estimates, and field supervision
- Geophysical services, including seismic refraction and resistivity surveys
- Installation of observation and monitoring wells, groundwater sampling/testing
- Blasting appraisals and monitoring
- Environmental site assessments and remediation

### Safety First

In earthquake-prone California, the presence of numerous faults presents an added challenge for geologists inspecting a site. The Division of Engineering relies on geologists to conduct faulting investigations to assure the integrity and safety of proposed State facilities. Our engineering geologists inspect exploration trenches to determine the presence and/or activity of faults.

### Get Out There

The geologists in Project Geology enjoy a combination of office assignments and working outdoors amid California's unparalleled geologic diversity, in the State's near-perfect climate. The job includes field studies throughout California. Learn more and join our team.

